

10/511362

Box No. VIII (iv) **DECLARATION: INVENTORSHIP** (only for the purposes of the designation of the United States of America)

The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box VIII (iv). If this Box is not used, this sheet should not be included in the request.

**Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv))
for the purposes of the designation of the United States of America**

I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.

This declaration is directed to the international application of which it forms a part (if filing declaration with application).

This declaration is directed to international application No. PCT/US03/12348 (if furnishing declaration pursuant to Rule 26ter).

I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.

I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization, day, month and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international applications designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.

Prior Applications:

I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name: BLACKSHEAR, Perry J.

Residence: Chapel Hill, North Carolina N.C.
(city and either US state, if applicable, or country)

Mailing Address: 2122 North Lakeshore Drive, Chapel Hill, North Carolina 27514, United States of America

Citizenship: US

Inventor's Signature: Perry J. Blum
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: 5/13/03
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

Name: ZELDIN, Darryl C.

Residence: Chapel Hill, North Carolina N.C.
(city and either US state, if applicable, or country)

Mailing Address: 4004 Sweeten Creek Road, Chapel Hill, North Carolina 27514, United States of America

Citizenship: US

Inventor's Signature: Darryl C. Zeldin
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: 5/14/03
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

☒ This declaration is continued on the following sheet, "Continuation of Box No. VIII (iv)".

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Continuation of Box No. VIII (i) to (v) **DECLARATION**

If the space is insufficient in any of Boxes No. VIII (i) to (v) to furnish all the information, including in the case where more than two inventors are to be named in Box No. VIII (iv), in such case, write "Continuation of Box No. VIII..." (indicate the item number of the Box) and furnish the information in the same manner as required for the purposes of the Box in which the space was insufficient. If additional space is needed in respect of two or more declarations, a separate continuation box must be used for each such declaration. If this Box is not used, this sheet should not be included in the request.

Continuation of Box No. VIII (iv) **DECLARATION: INVENTORSHIP**3-00
Name: GRAVES, Joan P.Residence: Raleigh, North Carolina N.C.
(city and either US state, if applicable, or country)Mailing Address: 6704 Queen Anne's Drive, Raleigh, North Carolina 27613, United States of AmericaCitizenship: USInventor's Signature: Joan P. Graves
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)Date: 5-15-03
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)4-00
Name: STUMPO, Deborah J.Residence: Durham, North Carolina N.C.
(city and either US state, if applicable, or country)Mailing Address: 2713 Farah Avenue, Durham, North Carolina 27707, United States of AmericaCitizenship: USInventor's Signature: Deborah J. Stumpo
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)Date: 5/14/03
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Residence:
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Mailing Address:

Citizenship:

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Form PCT/RO/101 (continuation sheet for declaration) (March 2001) Klarquist Sparkman, LLP (revised February 2002) See Notes to the request for

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PCT

POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

The undersigned applicant(s) (Names should be indicated as they appear in the request):

BLACKSHEAR, Perry J.
2122 North Lakeshore Drive
Chapel Hill, North Carolina 27514
United States of America

hereby appoints (appoint) the following person as :



agent



common representative

Name and address

(Family name followed by given name; for a legal entity, full official designation. The address must include a postal code and name of country.)

Haight, James C.; Sadowski, David R.; Spiegel, Jack; Rucker, Susan S.; Finley, Stephen L.; Ferguson, Steven; Kim, John Peter; Pontzer, Norbert; Rodriguez, Richard U.; Astor, Marlene; and Joyce, Catherine M.; all of the National Institutes of Health, Office of Technology Transfer, 6011 Executive Boulevard, Suite #325, Rockville, Maryland 20852, U.S.A., acting under authority of the Department of Health and Human Services, Government of the United States of America; and

Bunker, Gillian L.; Caldwell, Lisa M.; Carlson, Anne; Haendler, Jeffrey B.; Harding, Tanya M.; Jones, Michael D.; Maurer, Gregory L.; Noonan, William D.; Polley, Richard J.; Rupert, Wayne W.; Rybak, Sheree L.; Siegel, Susan Alpert; Slater, Stacey C.; Stephens Jr., Donald L.; Stuart, John W.; Wight, Stephen A.; and Young, Travis;
all of the firm of Klarquist Sparkman, LLP, Suite 1600, 121 S.W. Salmon Street, Portland, Oregon, 97204, U.S.A.

to represent the undersigned before



all the competent International Authorities



the International Searching Authority only



the International Preliminary Examining Authority only

in connection with the international application identified below:

Title of the invention: COMPOSITIONS AND METHODS FOR DIAGNOSTICS AND THERAPEUTICS FOR HYDROCEPHALUS

Applicant's or agent's file reference: 4239-64828

International application number (if already available): PCT/US03/12348

filed with the following Office United States Patent and Trademark Office as receiving Office and to make or receive payments on behalf of the undersigned

Signature of the applicant(s) (where there are several applicants each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power)

Perry J. Blackshear
Perry J. Blackshear
Applicant/Inventor

5/14/03
Date

PCT

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(PCT Rule 90.4)

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4004 Sweeten Creek Road
Chapel Hill, North Carolina 27514
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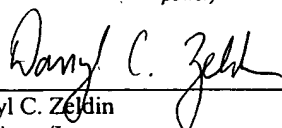
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Darryl C. Zeldin
Applicant/Inventor

5/14/03

Date

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(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

The undersigned applicant(s) (Names should be indicated as they appear in the request):

GRAVES, Joan P.
6704 Queen Anne's Drive
Raleigh, North Carolina 27613
United States of America

hereby appoints (appoint) the following person as : ☒ agent ☐ common representative

Name and address

(Family name followed by given name; for a legal entity, full official designation. The address must include a postal code and name of country.)

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to represent the undersigned before ☒ all the competent International Authorities
☐ the International Searching Authority only
☐ the International Preliminary Examining Authority only

in connection with the international application identified below:

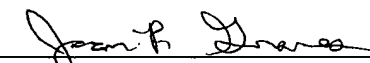
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Joan P. Graves
Applicant/Inventor

5-15-03
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The undersigned applicant(s) (Names should be indicated as they appear in the request):

STUMPO, Deborah J.
2713 Farah Avenue
Durham, North Carolina 27707
United States of America

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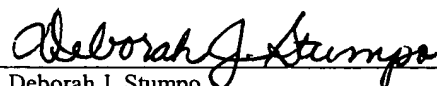
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Deborah J. Stumpo

Applicant/Inventor

5/14/03

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